



Municipality of Metropolitan Seattle

Exchange Building • 821 Second Ave. • Seattle, WA 98104-1598

December 19, 1990

James C. Brown
ALASKAN COPPER WORKS
Box 3546
SEATTLE, WA 98124

Dear James C. Brown:

Enclosed are the analyses from Metro's most recent effluent sampling at your facility for our Heavy Metals Control Program. All values met Metro's discharge limits.

Metro appreciates your good compliance. If you have any questions, please call your Metro contact person: Christie True 684-2327; Bruce Burrow 684-2329; Ray Carveth 684-2336; Doug Hilderbrand 684-2341; Denise Healy 684-2328; Michelle Dewey 684-2368; Jim Sifford 684-2335; Jacqueline Eden 684-2378; or Louise Kulzer at 684-2373.

Very truly yours,

Industrial Waste Investigator
Comprehensive Planning Division

Enclosure

DESCRIPTION	STATION	SITE
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ALASKAN COPPER WORKS	A4010	6TH AVE SOUTH

DATE	TIME	TYPE	ID
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901204	2027	G	12083

		CONC (mg/l)	LBS
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SILVER	AG <	0.0030	
ARSENIC	AS <	0.0500	
CADMIUM	CD <	0.0030	
CHROMIUM	CR	1.6000	
COPPER	CU	0.2200	
NICKEL	NI	0.8000	
LEAD	PB <	0.0300	
ZINC	ZN	0.0410	
PH	PH	9.0000	

KEY

PH is in standard units.

TYPE

G	Grab sample.
SH02	Series hourly sample representing 2 hours.
CH24	Composite sample representing 24 hours.
CH00	Composite sample based on flow.

VIOLATIONS

#	Exceeded limits but not legal violation.
*	Legal violation subject to enforcement action.
\$	Legal violation - Slug violation.
SLUG	Concentrated discharge exceeding discharge limits by a factor of 10. Legal violation.